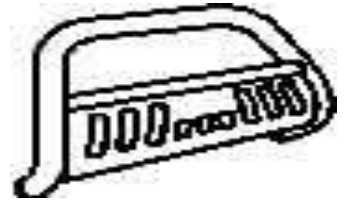




3" Bull Bar

Part No. B0039B/S



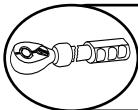
Fits: **Current FORD RANGER**



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



DO NOT OVER TORQUE. STANDARD OPERATING LOAD FOR TIGHTEN BODY MOUNT NUTS & BOLTS VARIES FROM **45 TO 65** FOOT POUND.



60-180 min



Cutting Maybe Required



Drilling Not Required



support@trailfx.com



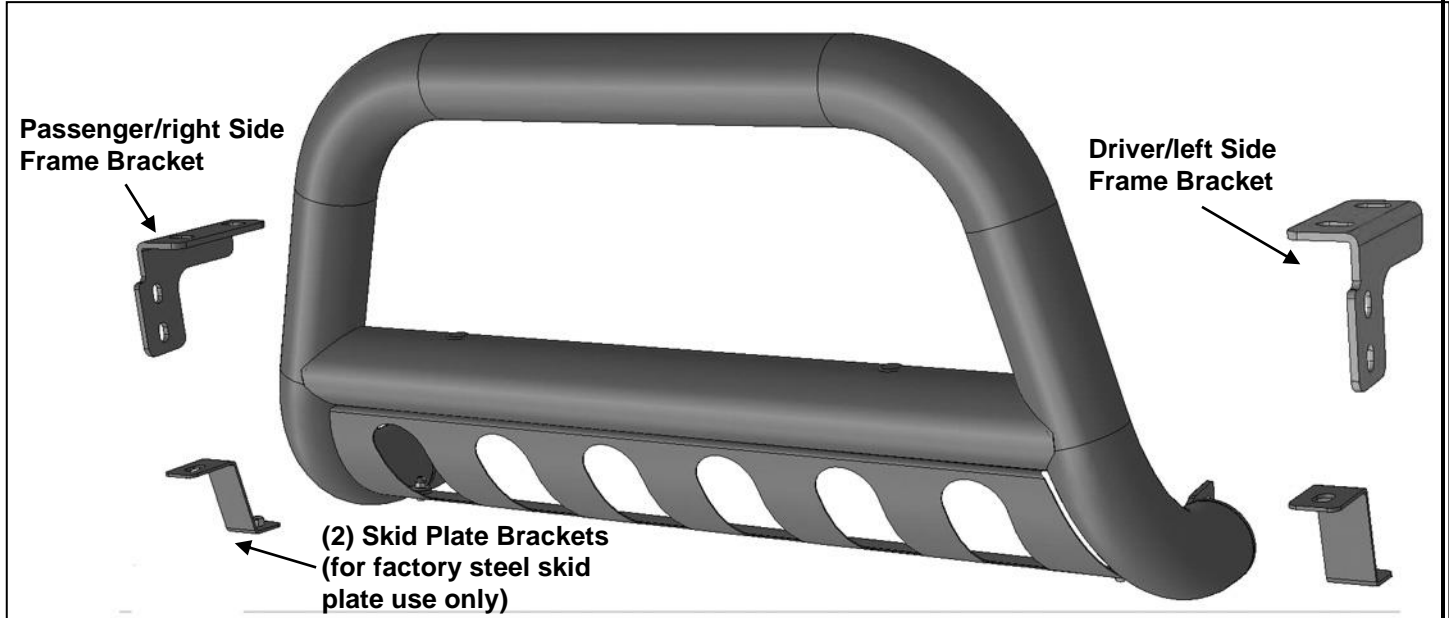
1 866 638 4870



POLISHED STAINLESS STEEL – LIMITED LIFETIME
POWDER COATED BLACK – 3 YEARS

PARTS LIST:

Qty	Part Description	Qty	Part Description
1	3in Bull Bar	4	12mm x 37mm OD x 3.5mm Flat Washers
1	Driver/left Frame Bracket	4	12mm Lock Washers
1	Passenger/Right Frame Bracket	4	10-1.5mm x 35mm Hex Bolts
2	Skid Plate Mounting Brackets	8	10mm x 27mm OD x 3 mm Flat Washers
4	12-1.75mm x 45mm Hex Bolts	4	10-1.5mm Nylon Lock Nuts



PROCEDURE:

REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY. CUTTING MAY BE REQUIRED. INSTALLATION MAY INTERFERE WITH FRONT MOUNTED SENSORS.

1. Start installation from under the front of the vehicle.
2. Determine if the vehicle is equipped with tow hooks. **IMPORTANT:** Tow hooks cannot be reinstalled with the Bull Bar.

Tow Hook equipped vehicles:

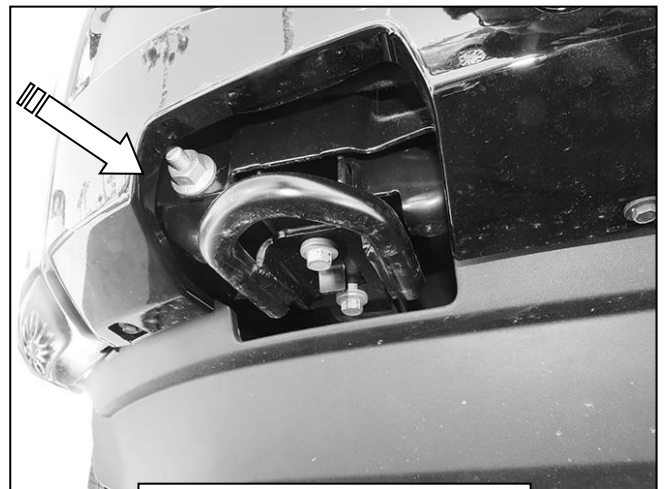
- a. Remove the plastic cover attached to the tow hook, **(Figure 1)**. Next, remove the tow hook from the bottom of the frame, **(Figures 2—4)**. On models with steel skid plate, temporarily remove skid plate, **(Figure 3)**.
- b. Proceed to **Step 3**.

Vehicles without tow hooks:

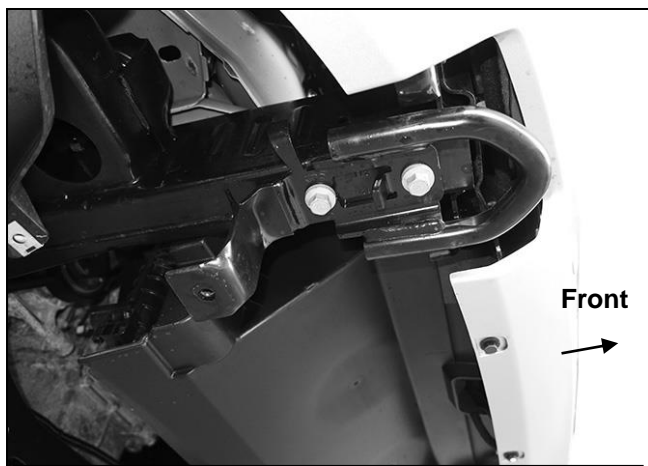
- a. Cut out the lower section of the indented area in both sides of the plastic bumper insert to clear the Brackets as pictured, **(Figure 5)**. **NOTE:** Hold the Frame Mounting Bracket up to the back of the bumper to determine area to remove to clear Bracket. **IMPORTANT:** Make several small cuts for best fit.
 - b. Insert the Mounting Brackets through the openings in the bumper to check for clearance around Brackets and hardware. Trim the plastic as required to clear the Brackets.
3. Select the driver/left Frame Mounting Bracket, **(Figure 6)**. Hold the Bracket up to the bottom of the frame. Line up the holes in the Bracket with the (2) mounting bolt holes for the tow hook. Attach the Bracket to the threaded holes in the frame with (2) 12mm x 45mm Hex bolts, (2) 12mm Lock Washers and (2) 12mm Flat Washers, **(Figure 7)**. **IMPORTANT:** Models with steel skid plate, attach (1) Skid Plate Bracket to the rear mounting Bolt, **(Figure 7)**. Leave hardware loose. Repeat this **Step** to attach the passenger/right Frame Bracket and Skid Plate Bracket if equipped.
 4. With assistance, hold the Bull Bar up in position on the inside of the Mounting Brackets. Attach the Bull Bar to the Brackets with (4) 10mm x 35mm Hex Bolts, (8) 10mm Flat Washers and (4) 10mm Nylon Lock Nuts, **(Figure 8)**. Do not tighten hardware at this time.
 5. Check the Bull Bar alignment with the vehicle and for clearance between the Bull Bar and the bumper. Adjust as required then fully tighten all hardware at this time.
 6. Do periodic inspections to the installation to make sure that all hardware is secure and tight.



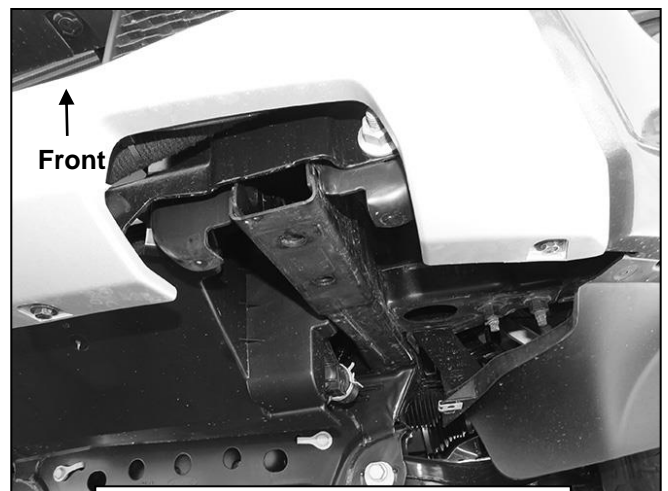
(Fig 1) Example of Tow hook



(Fig 2) Remove plastic cover surrounding tow hook



(Fig 3) Models with steel skid plate, temporarily remove skid plate to access tow hooks

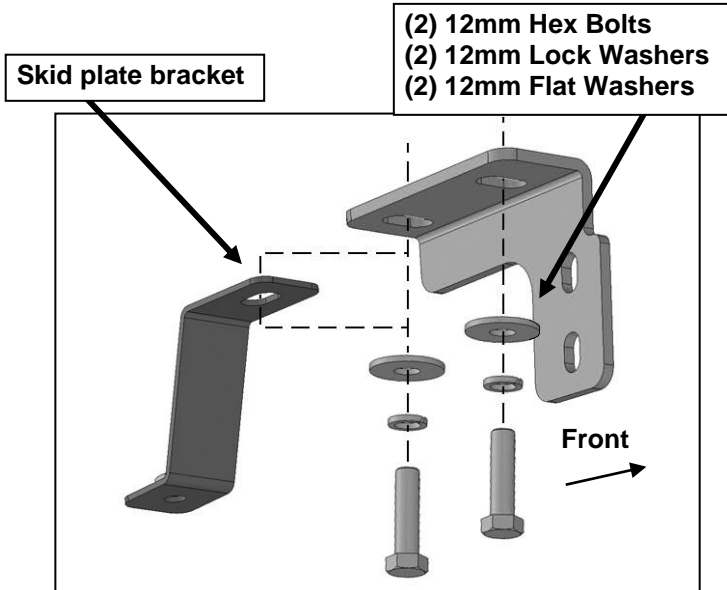


(Fig 4) Driver/left mounting location

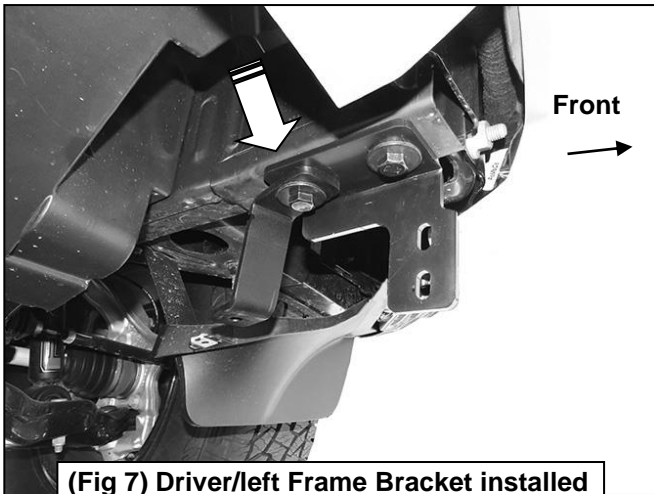
Driver/left Side Installation Pictured



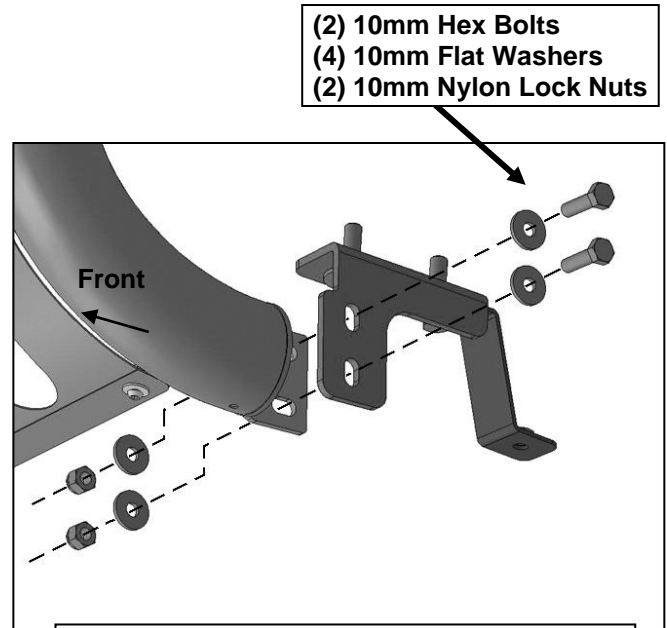
(Fig 5) Models without tow hooks, cut openings in lower plastic cover to clear Brackets



(Fig 6) Attach driver/left Frame Bracket to bottom of frame. Attach skid plate bracket to rear mounting bolt if equipped with steel skid plate



(Fig 7) Driver/left Frame Bracket installed with optional Skid Plate Bracket (arrow)

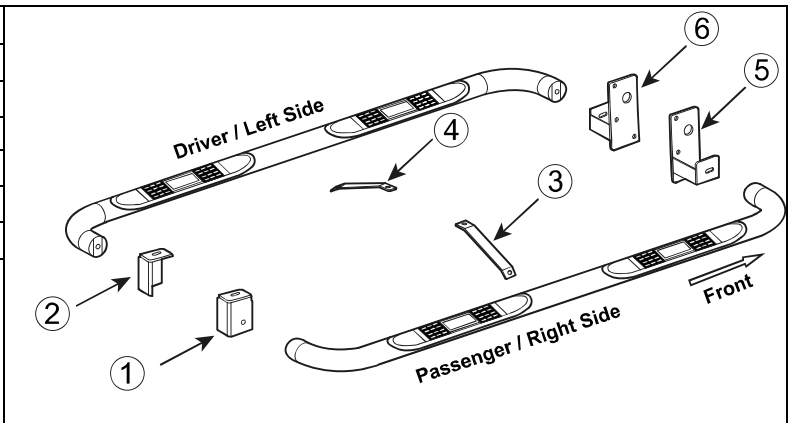


(Fig 8) Attach Bull Bar to the inside of the Brackets. Driver/left installation illustrated

No.	Parts Identification
1	Passenger / Right 'Rear' Bracket marked "PR"
2	Driver / Left 'Rear' Bracket marked "DR"
3	Passenger / Right 'Center' Bracket marked "PC"
4	Driver / Left 'Center' Bracket marked "DC"
5	Passenger / Right 'Front' Bracket marked "PF"
6	Driver / Left 'Front' Bracket marked "DF"

Note:

- This guide is to identify the parts and not a reference for part count.
- For part count, refer Parts List.
- Product / Bracket image is representative and actual design may vary.



PRODUCT CARE

- Periodically check the product to ensure all fasteners are tight and components are intact.
- Regular waxing is recommended to protect the finish of the product.
- **Use ONLY Non-Abrasive automotive wax.** Use of any soap, polish or wax that contains an abrasive is detrimental and can scratch the finish leading to corrosion.
- Aluminum polish may be used to polish small scratches and scuffs for **Stainless Steel finish.**
- Mild soap may be used to clean the product for both **Stainless Steel and Black finish.**

FAQ's

1. **Hardware's are not of correct size.**
In GMC / Chevrolet truck model 2006 & up, customer needs to reuse the factory body bolts to install the bracket. If your vehicle is not GMC / Chevrolet 2006 & up, ensure that holes are not partially covered with any plastic grommet or rust? If it is, remove the plastic grommet & rust from the thread holes & re-try the installation.
2. **Mounting Bracket are not getting Installed properly.**
In some cases Illustration images shown in Installation manual may not be the exactly same as per actual vehicle images ,also if Driver / Passenger side mounting brackets are very identical in the design, suggest referring Parts Identification guide to avoid fitment issue.
3. **Products are thumping / rattling after installation.**
Ensure that all required mounting brackets / hardware's are installed & tighten correctly. Suggest using white lithium / regular grease between the metal to metal contact surfaces.
4. **Side Bar is not aligning with vehicle / Step Pads are not aligning with vehicle doors.**
Side bar may be interchanged or mounting brackets are not installed at the correct position in the vehicle. Refer Parts identification guide.
5. **Missing / Excess Hardware.**
Recheck hardware count as per the part list.
6. **Product not installing properly.**
Ensure make model year, cab length and bed size of your vehicle is listed in the application. All installation steps are followed correctly.

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